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LOGINID:SSPTADMW1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 JAN 12 Match STN Content and Features to Your Information  
Needs, Quickly and Conveniently  
NEWS 3 JAN 25 Annual Reload of MEDLINE database  
NEWS 4 FEB 16 STN Express Maintenance Release, Version 8.4.2, Is  
Now Available for Download  
NEWS 5 FEB 16 Derwent World Patents Index (DWPI) Revises Indexing  
of Author Abstracts  
NEWS 6 FEB 16 New FASTA Display Formats Added to USGENE and PCTGEN  
NEWS 7 FEB 16 INPADOCDB and INPAFAMDB Enriched with New Content  
and Features  
NEWS 8 FEB 16 INSPEC Adding Its Own IPC codes and Author's E-mail  
Addresses  
NEWS 9 APR 02 CAS Registry Number Crossover Limits Increased to  
500,000 in Key STN Databases  
NEWS 10 APR 02 PATDPAFULL: Application and priority number formats  
enhanced  
NEWS 11 APR 02 DWPI: New display format ALLSTR available  
NEWS 12 APR 02 New Thesaurus Added to Derwent Databases for Smooth  
Sailing through U.S. Patent Codes  
NEWS 13 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding  
Coverage back to 1948  
NEWS 14 APR 07 CA/Caplus CLASS Display Streamlined with Removal of  
Pre-IPC 8 Data Fields  
NEWS 15 APR 07 50,000 World Traditional Medicine (WTM) Patents Now  
Available in Caplus  
NEWS 16 APR 07 MEDLINE Coverage Is Extended Back to 1947  
  
NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,  
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 12:15:25 ON 17 MAY 2010

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILE 'REGISTRY' ENTERED AT 12:16:04 ON 17 MAY 2010

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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAY 2010 HIGHEST RN 1224049-79-9

DICTIONARY FILE UPDATES: 16 MAY 2010 HIGHEST RN 1224049-79-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

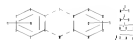
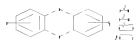
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10575304.str



```

chain nodes :
16 17 18 19 20 21 22 23 24 25 31 33
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
16-17 18-19 20-21 21-22 23-24 24-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-11 8-9 9-14 9-10 11-12 12-13
13-14
exact/norm bonds :
5-7 6-10 7-8 8-11 8-9 9-14 9-10 20-21 21-22 23-24 24-25
exact bonds :
16-17 18-19
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 12-13 13-14
isolated ring systems :
containing 1 :

```

```
G2:[*1],[*2],[*3],[*4]
```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 31:CLASS 32:Atom
33:CLASS 34:Atom

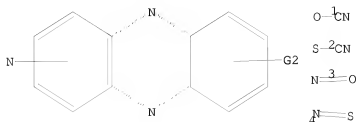
```

L1 STRUCTURE UPLOADED

=&gt; d l1

L1 HAS NO ANSWERS

L1 STR



G1

G2 [01],[02],[03],[04]

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l1 sss sam

SAMPLE SEARCH INITIATED 12:16:46 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 332 TO ITERATE

100.0% PROCESSED 332 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5547 TO 7733

PROJECTED ANSWERS: 6 TO 265

L2 6 SEA SSS SAM L1

=&gt; s l1 sss ful

FULL SEARCH INITIATED 12:17:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 6529 TO ITERATE

100.0% PROCESSED 6529 ITERATIONS

143 ANSWERS

SEARCH TIME: 00.00.01

L3 143 SEA SSS FUL L1

=&gt; fil caPL

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

192.03

192.25

FILE 'CAPLUS' ENTERED AT 12:17:13 ON 17 MAY 2010

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FILE COVERS 1907 - 17 May 2010 VOL 152 ISS 21  
 FILE LAST UPDATED: 16 May 2010 (20100516/ED)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2010  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s l3
L4          46 L3

=> s l4 and (pry<2004)
          4303934 PRY<2004
L5          21 L4 AND (PRY<2004)

=> s l4 and (py<2004)
          24050967 PY<2004
L6          33 L4 AND (PY<2004)

=> s l5 or l6
L7          38 L5 OR L6

=> s l3
L8          46 L3

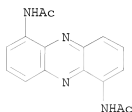
=> d ibib abs hitstr l-46
```

```
L8  ANSWER 1 OF 46  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:    2008:769116  CAPLUS
DOCUMENT NUMBER:     149:104753
TITLE:               Preparation of halogenated or pseudohalogenated
                    monomeric phenazinium compounds useful in acidic baths
                    for electrolytically depositing copper.
INVENTOR(S):         Brunner, Heiko; Dahms, Wolfgang; Grieser, Udo
PATENT ASSIGNEE(S):  Atotech Deutschland GmbH, Germany
SOURCE:              Ger., 20pp.; Chemical Indexing Equivalent to 143:26637
                    (WO)
                    CODEN: GWXXAW
DOCUMENT TYPE:       Patent
LANGUAGE:            German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:
```



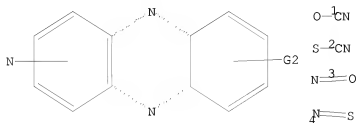
form of diamidophenazine, (the original abstract includes an equation).  
 These results show that the fluorindines stand in the same relation to  
 triphenodioxazine as phenazine does to phenoxazine.

IT 28124-31-4, Diamidophenazine  
 (study of fluorindine)  
 RN 28124-31-4 CAPLUS  
 CN Acetamide, N,N'-1,6-phenazinediylbis- (CA INDEX NAME)



=> l1  
 L1 IS NOT A RECOGNIZED COMMAND  
 The previous command name entered was not recognized by the system.  
 For a list of commands available to you in the current file, enter  
 "HELP COMMANDS" at an arrow prompt (=>).

=> d l1  
 L1 HAS NO ANSWERS  
 L1 STR



G1  
 G2 [@1],[@2],[@3],[@4]

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 12:15:25 ON 17 MAY 2010)

FILE 'REGISTRY' ENTERED AT 12:16:04 ON 17 MAY 2010

L1 STRUCTURE UPLOADED  
 L2 6 S L1 SSS SAM  
 L3 143 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 12:17:13 ON 17 MAY 2010

L4 46 S L3  
 L5 21 S L4 AND (PRY<2004)

10575304 STN Search Notes

L6 33 S L4 AND (PY<2004)  
L7 38 S L5 OR L6  
L8 46 S L3

=> logoff y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

274.58

466.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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-38.25

-38.25

STN INTERNATIONAL LOGOFF AT 12:22:47 ON 17 MAY 2010